

From: [Geiger, William](#)
To: [Hasson, Robert](#)
Subject: FW: Metal Bank Sheet Pile Wall (UNCLASSIFIED)
Date: Monday, February 24, 2014 3:03:45 PM
Attachments: [Final Metal Bank Sheet Pile Design Memorandum 120508.pdf](#)

William A. Geiger
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-----Original Message-----

From: Fatzinger, Travis T NAP [<mailto:Travis.T.Fatzinger@usace.army.mil>]
Sent: Monday, February 24, 2014 11:26 AM
To: Geiger, William
Subject: RE: Metal Bank Sheet Pile Wall (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Will,

Here is the paragraph that describes where the surcharge loading was placed and why.

"The surcharge was placed over a 20' wide strip directly behind the wall based on the wall's intended purpose. The surcharge is to simulate a construction load for working on and around the wall, such as waler construction, dredging, etc. This being the case, any actual surcharge that would be exerted on the wall during construction activities, such as a crane load, should be placed on timber mats to ensure distribution of the loads imposed by equipment. The results are tabulated in Figure 9."

It is from page 7 of the attached memo for reference. Let me know if you have any additional questions.

Thanks,

Travis Fatzinger
Geotechnical Engineer
100 Penn Square East
Philadelphia PA 19107
215-656-6681

-----Original Message-----

From: Geiger, William [<mailto:Geiger.William@epa.gov>]
Sent: Friday, January 31, 2014 10:33 AM
To: Fatzinger, Travis T NAP
Subject: [EXTERNAL] Metal Bank Sheet Pile Wall

Travis, thanks again for attending the meeting for Metal Bank on Monday. Your input was very helpful.

We are in the process of issuing an ESD requiring Institutional Controls that would prohibit activities that could damage or interfere with the sheetpile wall (among other remedial components at the Site). We received a comment from the PRP group asking for examples of activities that could potentially interfere with the effectiveness of the sheet pile wall.

Since you seem to be the expert on this matter, I was wondering if you could give me some examples.... Besides the obvious of running a bulldozer through it or something.... Thanks

-Will

William A. Geiger

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